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5. (New) A system according to claim 1 wherein each of said brushes is separately connected to said casing by at least one noise suppression capacitor.
6. (New) A noise suppression system for a motor comprising:
a casing;
a shaft rotatable relative to said casing having an output for activating a vehicle functional device;
a plurality of brushes supported by said shaft and connected to a power supply external to said casing; and
a plurality of capacitors with at least one of said capacitors separately connecting each of said brushes to said casing for suppressing noise.
7. (New) A system according to claim 6 wherein said casing is grounded.
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8. (New) A system according to claim 7 wherein said casing is grounded via connection to said vehicle function device.
9. (New) A system according to claim 7 wherein each of said brushes is connected to said power supply with a supply lead forming a plurality of noise suppression circuits.
10. (New) A system according to claim 9 including a plurality of inductors with at least one inductor being associated with each of said supply leads.
11. (New) A system according to claim 9 wherein each of said supply leads are formed by ferrite-loaded wires.